

ABSTRACT OF THE DISCLOSURE

A method for demodulation of a phase shift keyed signal in which the phase shift keyed signal is converted into a plurality of successive outputs, each of which is representative of a phase and amplitude of the phase shift keyed signal over additional sets of windows and carrier phases. Each said additional set has a different offset in time and carrier phase from the other additional sets of windows and carrier phases. The carrier phase and window offsets of the phase shift keyed signal are estimated using the plurality of successive outputs. The phase shift keyed signal is then decoded back into digital data using the estimates.

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